

From owner-qrp-l@netcom.com Sun Jan 22 01:48:23 1995
From: ARDAI@MAVEN.dnet.teradyne.com
Date: Sat, 21 Jan 1995 19:53:13 -0500 (EST)
Subject: Getting unsubscribed
Message-Id: <01HM4C14GJJM00A9AW@A1GATE.TERADYNE.COM>

Just a reminder - if your mail bounces with 'unknown user' or 'unknown host' *once*, I will remove you from the list. I don't unsub people for errors that appear temporary (disk full, protection, 'can't deliver in 3 days') since these are usually quite temporary. This is manual; it has nothing to do with how many queries you send listserv. Why do I do this? If you start to bounce mail, I get a bounce for each message posted to the list. I usually have to deal with 100-200 pieces of mail a day, so this is needed to preserve my sanity, and to keep my boss from getting too suspicious :-)

If you get removed, feel free to resubscribe after the problem is fixed. I am not doing this to 'ban' everyone, but to keep me from having to get someone else to run the list. I am sorry for any inconvenience this causes.

I am aware that the 'which' command is broken. I have passed this on to Netcom, and it will probably get fixed when they update Majordomo. They are, however, very busy, and much as I would wish otherwise, mailing lists are obviously not top priority for them.

/mike
n1list@netcom.com
Maintainer, BARC lists

From owner-qrp-l@netcom.com Sun Jan 22 09:52:19 1995
Date: Sun, 22 Jan 1995 07:58:50 -0500 (EST)
From: James Lyons <jlyons@CAM.ORG>
Subject: RE: Hamcalc
Message-Id: <Pine.SOL.3.91.950122075516.5501A-100000@stratus>

On Sat, 21 Jan 1995, Adrian Weiss W0RSP English Department wrote:

> I use XTGOLD which makes it easy to re-create the
> directory structure of the floppy on the harddrive. Then
> it is a simple matter of tagging each sub-dir and copying.
>

> 73, Ade W0RSP
>

Actually one of the options on the main menu of HAMCALC9 is to copy the entire directory structure and programs to another disk ... you can PKUNZIP -d on a floppy and then use that option to copy to your hard drive.

Yes! A big thank you to VE3ERP ... what he asks for is a contribution to

the CNIB ... Canadian National Institute for the Blind.

Jim VE2KN

From owner-qrp-1@netcom.com Sun Jan 22 18:41:32 1995
Date: Sun, 22 Jan 1995 15:10:30 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: Re: HAMCALC9
Message-Id: <01HM5G4D2CG28YA8DA@utkvx.utk.edu>

Recent notes on HAMCALC9 concerning transferrring the program from a 1.44MB floppy to HD by recreating the subdirectory structure and copying are not needed.

1. As most have, I unzipped the files with PKUNZIP -d onto a 1.44MB floppy for archival purposes.
2. Since I had no objection to storing the .BAT in my root directory, I used the INSTALL program within the menu of HAMCALC (while it is in operation) to copy all to the HD. It creates the directories on C: as it copies. Not a long task (on a Pentium 90).
3. For those who prefer a "clean" root directory on the HD, there have been notes on substituting a directory for a root directory.

Unlike "INSTALL" programs that come with commercial programs, the one in HAMCALC9 is not an initial installation program. It is a part of the main program collection designed to recopy an extracted set of files and directories to another drive wherever DISKCOPY cannot be used. Moreover, the files marked .TXT, etc. are not designed for reading from outside the program. (The INSTALL text can be misleading when read from outside the program.) They are accessible from within the program structure and are structured to fit the VE3ERP screen layout, and they make good sense in that context.

The programs viewed so far have some thoughtful touches. For example, one program for inductively loaded quads computes the coil based on instructions and then lets you choose to have it converted to the next whole-turn size (I hate coils with 6.743 turns). My personal favorite (because I had never seen it before) is the stairway computer, especially since my rear deck needs new stairs.

I have asked George by mail what is the best way for US hams to make donations to the program he notes in the program preamble. To me perosnally, it is a worthy program and a worthy cause, although I hope homebrewers and QRPers will also support US programs for handicapped hams.

-73-

LB, W4RNL

cebik@utkvx.utk.edu

From owner-qrp-1@netcom.com Mon Jan 23 00:05:25 1995

From: jgrubs@voxbox.norden1.com (Jim Grubs)

Date: 22 Jan 95 15:54:00 -0500

Subject: Hamcalc9

Message-Id: <e7f_9501221623@voxbox.norden1.com>

> From: Gregory.R.Laborde@jpl.nasa.gov (Gregory R. LaBorde)

> Subject: Hamcalc9

> Be sure to unzip it using the -d option to get all the
subdirectories.

> It

> *LOOKS* like it can only go in the \ directory, as if the
path is

> hard-coded into the program. Anyone know a way to enable it
to be used

> in a

> separate subdirectory? I know NOTHING about GWBASIC.

I do. I'll try to get the program(s) and modernize them a
little -- even compile them under QuickBASIC.

--

|Fidonet: Jim Grubs 1:234/1

|Internet: jgrubs@voxbox.norden1.com

|

| Standard disclaimer: The views of this user are strictly his own.

From owner-qrp-1@netcom.com Sun Jan 22 06:09:24 1995

Date: Sat, 21 Jan 95 22:37:24 HST

From: jeffrey@math.hawaii.edu (Jeffrey Herman)

Message-Id: <9501220837.AA20141@kahuna.math.hawaii.edu>

Subject: Junk box searchers beware

Recall about a week ago I complained that my newly built VFO was
putting out more RF key-up than key-down (according to the S-meter
on the rcvr)? I suspected the problem might lie between the buffer
and the PA stage so I replaced the 100 pF cap between the two stages.
Sure enough it now works like a champ.

I thought it would be nice to donate the body of the dead capacitor
to science, i.e., crack the puppy open and dissect it. Know what I

found inside? A tiny spool of wire - about 25 turns wrapped around a powered iron core. Here's a component shaped almost like a disk capacitor (a bit thicker, green in color) with the marking ``101'' on the body that turns out to be 100 uH inductor. Sheesh. The menehunes have been playing in my junkbox.

Jeff NH6IL

P.S. 'Menehunes' is Hawaiian for 'playful ghosts' (pronounced: many-hunies)

P.P.S. This VFO is as stable as a rock (now); it can be found in DeMaw's 2nd edition of QRP NOTEBOOK. Two MPF-102's (oscillator and buffer) and a 2N2222 (PA) are the solid state devices. For the oscillator tank I'm using a variable cap from a TV UHF tuner, and an Airdux inductor from an old marine band transmitter.

From owner-qrp-l@netcom.com Sun Jan 22 03:26:56 1995
Subject: mail-server: error report
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.8054.500@acenet.com>
Date: Sat, 21 Jan 1995 20:37:00 -0500

>From: brian.carling@acenet.com

Here is what resulted from following the instructions of an ARRL employee who gave instructions on how to get a list of addresses at ARRL for E-mails:

This message was from MAIL-SERVER@RTFM.MIT.EDU to BRIAN CARLING, and was forwarded to you by BRIAN CARLING.

Message-ID: <199501201253.HAA18534@bloom-picayune.MIT.EDU>

-----cut here-----

Errors were encountered by the mail server while parsing your message to it. An annotated copy of your message is below. The annotations of each command line are as follows (lines not annotated were not treated as commands by the server):

- Could not be processed (e.g., missing file, illegal vote).
- X Is not valid.
- R Skipped because it is a repeat of a previous request in the same message.
- + Successfully interpreted.

Note that the server ignores the remainder of a message if it encounters 20 errors in it.

Furthermore, only the first 20 requests in a message are honored.

Output of successful commands will be sent under separate cover.

X From: brian.carling@acenet.com

+ index

X ---

X ~ SLMR 2.1a ~ You ARE what you think about all day long!

I never put all those -es and Xes in there!

STRANGE! 73 to all - AF4K

brian.carling@acenet.com

The most common error in requests to the mail server is specifying an incorrect file name. Other common errors include:

- * incorrect case in file names (case IS significant when requesting files);
- * including a signature or other extra text without a "quit" command before it.

Commands should be sent to "mail-server@rtfm.mit.edu".

Use the "index" command to get a list of files available at this site.

Use the "help" command to get more detailed instructions.

Send mail to "owner-mail-server@rtfm.mit.edu" to contact a real person (but please don't send mail server commands to that address; it is not an alternative interface to the mail server).

-----cut here-----

~ SLMR 2.1a ~ You ARE what you think about all day long!

From owner-qrp-1@netcom.com Sun Jan 22 03:39:20 1995

Date: Sat, 21 Jan 1995 22:55:58 -0700 (MST)

From: Richard Kendrick <rrk@ramp.com>

Subject: Re: Need 2SC799 Specs

Message-Id: <Pine.3.89.9501212227.A359-01000000@taz.ramp.com>

Here are the specs for a 2SC799 transistor:

Vcbo	80 volts	Icbo	1 uA	fT	250 MHz
Vebo	5 volts	Vcb	40 volts	Cob	15 pf
Ic	1.5 amps	hfe	90	Ie	150 mA
Pc	10 watts	Vce	10 volts		
Tj	175 deg C	Vcb	10 volts		

Richard Kendrick CET WA7TWI |

Amateur Radio Extra Class | Do not adjust your mind, there is
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | a fault in reality.
Phoenix, AZ email: rrk@ramp.com |

From owner-qrp-l@netcom.com Sun Jan 22 03:06:12 1995
From: rohrwerk@holonet.net
Date: Sat, 21 Jan 1995 20:07:40 -0800
Message-Id: <199501220407.UAA18227@holonet.net>
Subject: Re: pcb: single and doubl

On 01-19-95 jfw@jfwhome.funhouse.com wrote to brucerob@epas.utoronto.ca:

> OK: for simple layouts (where you don't NEED both sides for wiring),
> double sided PCB allows you to use the top surface for a ground plane,
> giving you a good solid low-impedance ground for any point in the
> circuit which needs one. Amplifiers, especially medium power and up,
> are especially prone to requiring really good grounds. However, for a
> VFO,

etc.

For my home construction, I have started to use double-sided PC board, with most circuit foils cut on the TOP surface, with lots of ground plane left between. This seems to retain most of the benefits of the usual "ground plane on top, circuit foils on bottom" approach, without having to drill a hole for every blessed component, and lots of modifications are easier to do when soldering from the top. The bottom is ground plane, except for a few DC traces to bring V+ across the board.

Easier to do "intuitive" layouts from the top -- just place the components roughly on the board when doing your cutting (my "resist" is a layer of tape that I cut into).

I was inspired to this approach by building my first surface-mount kit!

: John Seboldt rohrwerk@holonet.net / I am Bach of Borg...
: Amateur radio K0JD... / your style will be
: Church of the Annunciation, / assimilated.
: Minneapolis /

-> Alice4Mac 2.3 E QWK Eval:05Mar94

From owner-qrp-l@netcom.com Sun Jan 22 07:47:16 1995
Date: Sun, 22 Jan 1995 19:39:56 +0900
Message-Id: <199501221039.TAA03373@patton.gate.asahi-net.or.jp>
From: LC3T-SSGW@asahi-net.or.jp (Takeyasu Sasagawa)
Subject: QRP Plus

Hi all!

I'm Japanese QRPer and my name is Takeyasu(Take), 27 years old.

I have enjoying amateur radio about 12 years.I like operetaing on 28MHz and DXing and QRP.

I'm using a TS-850S,TS-130V and MIZUHO MX-14S and Output power is 0.5 or 5 Watts(except for MX-14S).

I usually operating on 7/10/14MHz CW and 28MHz SSB/CW.

BTW,I looked Index Laboratories HF Transceiver QRP Plus on Japanese CQ magazine.

Is anyone tell me about this rig? Does anyone useing this?

Thanks for reading this.

From owner-qrp-l@netcom.com Sun Jan 22 02:11:55 1995

From: rohrwerk@holonet.net

Date: Sat, 21 Jan 1995 20:07:41 -0800

Message-Id: <199501220407.UAA18228@holonet.net>

Subject: Re: QRP with tubes

On 01-20-95 rheiss@tuba.aix.calpoly.e wrote to qrp-l@netcom.com:

> Yes, there is more interest in tube QRP

[early circuit manuals mentioned]

And QRO! I remember some articles about single-tube oscillator circuits that could

: John Seboldt	rohrwerk@holonet.net	/	I am Bach of Borg...
: Amateur radio	K0JD...	/	your style will be
: Church of the Annunciation,		/	assimilated.
: Minneapolis		/	

-> Alice4Mac 2.3 E QWK Eval:05Mar94

From owner-qrp-l@netcom.com Sun Jan 22 14:36:28 1995

Subject: Returned mail: User unkno

From: brian.carling@acenet.com (Brian Carling)

Message-Id: <2a6.8102.500@acenet.com>

Date: Sun, 22 Jan 1995 09:02:00 -0500

>From: brian.carling@acenet.com

BC>MDS>PT>HMMMMM... multiply the point score by the number of bands, the number
BC>of
BC>MDS>mod

BC>MDS>PT>worked within the band and the number of stations operated from? That
BC>co
BC>MDS>PT>a fun contest! Maybe separate awards for stations that had the most
BC>MDS>guest PT>operators to encourage the doors to open? Given the
BC>MDS>honorableness of PT>Elmering, PT>I think I'd be proud to have a
BC>MDS>certificate in my shack that said I had the PT>most guest operators in
BC>MDS>my section for a "New Operator's Roundup."

BC>MDS>PT>What do you think? New-Op Roundup? One weekend? (I think one of the
BC>bigg
BC>MDS>PT>things going against the Novice Roundup is the length.) Participation
BC>pi
BC>MDS>f
BC>MDS>PT>operators for 25 contacts and hosting stations for 10 operators?

BC>MDS>PT>Will it fly?

BC>MDS>Great ideas. Why not write in to ARRL with them. Of course, I think they
BC>MDS>should get 5 points per CW contact, 2 for another digital mode,
BC>MDS>and one point for SSB.

BC>MDS>---

BC>MDS> ~ SLMR 2.1a ~ You ARE what you think about all day long!

BC>---

BC> ~ SLMR 2.1a ~ You ARE what you think about all day long!

~ SLMR 2.1a ~ You ARE what you think about all day long!

From owner-qrp-l@netcom.com Sun Jan 22 12:13:59 1995

Subject: Re: Ten Tec Argo 556

From: brian.carling@acenet.com (Brian Carling)

Message-Id: <2a6.8103.500@acenet.com>

Date: Sun, 22 Jan 1995 09:02:00 -0500

>From: brian.carling@acenet.com

Nils, WB8IJN writes:

NY>Funny thing about the 556 or Argo or whatever they're calling it:
NY>It's about \$60-\$70 cheaper than the high-power "brother." Now,
NY>if the advert is right and you can push the QRO box down to 5
NY>watts (and unless you are dedicated to QRPp), for the extra cash
NY>you can have a moderate level of just-in-case power. And considering
NY>that the same band modules work in each unit (if I read the SPRAT

NY>article on the "Cub" right), I'd just as soon spend the extra
 NY>cash.
 NY>What really croaks my frog is the simple fact that the ARGO 556
 NY>(or whatever) is just what most QRP loonies are looking for. A
 NY>radio that does QRP without paying for a GCR and a bunch of
 NY>push buttons. They (Ten Tec) could've done that up front, seems
 NY>to me.
 NY>Oh well, I ain't the engineer and I sure ain't the sales department
 NY>and I don't have a corporate hierarchy to support and I just like
 NY>to play radios now and then. But I am trying to save. I wanna
 NY>check this out at Dayton. Who knows, maybe I'll get one or the
 NY>other. Depends on who's givin' the best break on the price. (And
 NY>I don't expect much with a starting price of nearly \$500. And

Thanks for the interesting analysis. However, for the serious
 QRP enthusiast who has \$500 to lay out, I think the Index Labs
 rig is a much better value (with all due respect to our friends in
 Tennessee)

~ SLMR 2.1a ~ You ARE what you think about all day long!

From owner-qrp-l@netcom.com Sun Jan 22 18:37:50 1995
 From: Byron8LCZ@aol.com
 Date: Sun, 22 Jan 1995 16:01:25 -0500
 Message-Id: <950122160114_2458618@aol.com>
 Subject: Re: Ten Tec Argo 556

QRP Plus better than the Argonaut 556 ?

I don't know if it's all that clear, that the QRP Plus is better. It depends on
 what you're going to use the rig for.

FEATURES	QRP PLUS	ARGO 556
receiver	single conversion	double/triple conversion ?
receiver	synthesized	crystal mixing
power draw rec/xmit	140 ma/1.5 amp	600 ma / 2 amp
i.f.	6 pole filter	variable jones
filter		
audio filter	scaf 100 to 2400 hz	yes
bands covered	160 to 10	only one at a time
VFO's	dual & split	single

The Argo could be a better single band contest and mobile rig while the Plus
 could be a better battery operated and DX'ing portable rig. If you plan on
 working off batteries and solar panels, and it rains like it did at field
 day, QRP Afield and Dayton this year. The solar panel is pretty useless. And
 your battery could die quickly if you draw many amps per hour.

The Argo should have a quieter receiver and full break-in QSK CW.
The Plus is not full break-in.

I have the QRP Plus and a Kenwood 450. I feel these are the two best transceivers for my type of operating that offer the most features per dollar. I don't like band change modules. And I do change bands often, many times just to listen for a few minutes. I like QRP contesting, DX'ing, paper chasing, and rag chewing. So I need a good all around rig. I'm not sure how well the Plus could handle strong adjacent signals during Field Day with multiple stations at the same site. That's a challenge for most any rig.

Wouldn't it be fun to come up with the perfect QRP transceiver and find someone to build it. Of course, by then, it would cost 2000 dollars and they couldn't sell many.

72, Byron WA8LCZ

From owner-qrp-1@netcom.com Sun Jan 22 22:30:19 1995
From: RAINS@NKU.EDU
Date: Sun, 22 Jan 1995 19:20:42 -0400 (EDT)
Subject: Where is this HamCalc at??
Message-Id: <01HM5PCG8BXE95ONKP@NKU.EDU>

Hello all, name here is Justin. I was just wondering where HamCalc is at? I wrote something down about oak.oakland.edu, and I looked there and didn't find anything. I would like to see this program, as it seems to be the hot topic right now.

Thanks & 73 de AA9KM
Justin
rains@nku.edu